Table ENG-2. - Construction Materials

Stafford and King George Counties, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill	9	Potential Source of Topsoil	е
and don Hamo	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ad: Alluvial land, sandy and gravelly	85	Poor		Good		Poor	
gravory		Too sandy Droughty Too acid	0.00 0.00 0.12			Too sandy Hard to reclaim Rock fragments	0.00 0.08 0.50
Alluvial wet	5	Not Rated		Not Rated		Not Rated	
Ae:							
Alluvial land, wet	85	Fair Too acid Low content of	0.12 0.13	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
		organic matter		Low strength	0.00	Too acid	0.60
Alluvial land	5	Not Rated		Not Rated		Not Rated	
AfA:							
Altavista	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.21			Too acid	0.76
Augusta		Not Rated		Not Rated		Not Rated	
Dogue		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
AfB:							
Altavista	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.21			Too acid	0.76
Dogue		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
AfC2:							
Altavista	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.21			Too acid	0.76
Wickham		Not Rated		Not Rated		Not Rated	
AIB:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill)	Potential Sourc of Topsoil	е
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AIB: Appling	85	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.32	Poor Low strength	0.00	Poor Too Clayey Too acid	0.00 0.88
Caroline		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Colfax		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
AIC2: Appling	85	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.32	Poor Low strength	0.00	Poor Too Clayey Slope Too acid	0.00 0.63 0.88
Ashlar		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Colfax		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
AnB: Appling	85	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.32	Poor Low strength	0.00	Poor Too Clayey Too acid	0.00 0.88
Cecil		Not Rated		Not Rated		Not Rated	
Cullen		Not Rated		Not Rated		Not Rated	
AnC2: Appling	85	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.32	Poor Low strength	0.00	Poor Too Clayey Too acid	0.00 0.88
Cecil		Not Rated		Not Rated		Not Rated	
Cullen		Not Rated		Not Rated		Not Rated	
ApC3:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mar		Potential Source of Roadfill	e	Potential Source of Topsoil	
and con realite	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ApC3:							
Appling	85	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.32	Poor Low strength	0.00	Poor Too Clayey Slope Too acid	0.00 0.63 0.88
Ashlar		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
AsD:							
Ashlar	85	Poor Droughty Low content of organic matter Too acid	0.00 0.13 0.50	Poor Depth to bedrock	0.00	Poor Rock fragments Depth to bedrock Slope	0.00 0.54 0.63
Appling		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	
AsE:							
Ashlar	85	Poor Droughty Low content of organic matter Too acid	0.00 0.13 0.50	Poor Depth to bedrock Slope	0.00 0.50	Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.54
Manor		Not Rated		Not Rated		Not Rated	
Watt variant		Not Rated		Not Rated		Not Rated	
AsF:							
Ashlar	85	Poor Droughty Low content of organic matter Too acid	0.00 0.13 0.50	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.54
Gravelly soil		Not Rated		Not Rated		Not Rated	
Rock Outcrop		Not Rated		Not Rated		Not Rated	
AtA:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill		Potential Source of Topsoil	e
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AtA: Atlee	85	Fair		Poor		Fair	
Allee	00	Depth to cemented pan	0.10	Depth to cemented pan	0.00	Depth to cemented pan	0.10
		Too acid Low content of	0.12 0.13	Low strength Depth to saturated	0.22 0.53	Depth to saturated zone	0.53
		organic matter	0.13	zone	0.55	Too acid	0.60
Bourne		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
AtB:							
Atlee	85	Fair Depth to cemented	0.10	Poor Depth to cemented	0.00	Fair Depth to cemented	0.10
		pan pan		pan		pan	
		Too acid Low content of	0.12 0.13	Low strength Depth to saturated	0.22 0.53	Depth to saturated zone	0.53
		organic matter		zone		Too acid	0.60
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
Au:							
Augusta	85	Fair	0.12	Poor	0.00	Fair	0.14
		Low content of organic matter Too acid	0.13	Low strength Depth to saturated zone	0.00 0.14	Depth to saturated zone Too acid	0.14 0.98
Roanoke	3	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
Wahee		Not Rated		Not Rated		Not Rated	
AvB:							
Aura	85	Fair Too acid Low content of organic matter	0.03 0.13	Good		Poor Rock fragments Too acid Hard to reclaim	0.00 0.32 0.68
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AvC2:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Sourc of Topsoil	е
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AvC2:							
Aura	85	Fair	0.00	Good		Poor	0.00
		Too acid Low content of	0.03 0.13			Rock fragments Too acid	0.00
		organic matter	0.13			Hard to reclaim	0.32 0.68
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AvD2:							
Aura	85	Fair		Good		Poor	
		Too acid	0.03			Rock fragments	0.00
		Low content of organic matter	0.13			Slope	0.04
		Ū				Too acid	0.32
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AvE2:				_		_	
Aura	85	Fair		Poor		Poor	
		Too acid	0.03	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13			Rock fragments Too acid	0.00 0.32
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AwD:							
Aura	35	Fair		Good		Poor	
		Too acid	0.03			Rock fragments	0.00
		Low content of organic matter	0.13			Too acid Slope	0.32 0.63
Galestown	25	Poor		Good		Fair	
		Wind erosion	0.00			Too sandy	0.16
		Too acid	0.03			Too acid	0.32
		Low content of organic matter	0.13			Slope	0.63
Sassafras	20	Fair		Good		Fair	
		Low content of	0.13			Too acid	0.60
		organic matter	0.50			Slope	0.63
		Too acid	0.50				



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	Э	Potential Source of Topsoil	e
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AwD:	l .						
Caroline		Not Rated		Not Rated		Not Rated	
AwE:							
Aura	30	Fair		Fair		Poor	
		Too acid	0.03	Slope	0.08	Slope	0.00
		Low content of organic matter	0.13			Rock fragments Too acid	0.00 0.32
Galestown	25	Poor		Fair		Poor	
		Wind erosion	0.00	Slope	0.08	Slope	0.00
		Too acid	0.03			Too sandy	0.16
		Low content of organic matter	0.13			Too acid	0.32
Sassafras	15	Fair		Fair		Poor	
		Low content of	0.13	Slope	0.08	Slope	0.00
		organic matter Too acid	0.50			Too acid	0.60
Gravelly soil		Not Rated		Not Rated		Not Rated	
BaA:							
Bertie	85	Poor		Fair		Fair	
		Wind erosion	0.00	Depth to saturated	0.53	Depth to saturated	0.53
		Low content of organic matter	0.50	zone		zone Too acid	0.98
		Too acid	0.54				
Bladen	3	Not Rated		Not Rated		Not Rated	
Fallsington	3	Not Rated		Not Rated		Not Rated	
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bb:							
Bibb	85	Fair		Poor		Poor	
		Too acid Low content of	0.50 0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		organic matter				Too acid	0.60
Alluvial wet	5	Not Rated		Not Rated		Not Rated	
Fresh water swamp	3	Not Rated		Not Rated		Not Rated	
luka		Not Rated		Not Rated		Not Rated	
Bd:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill)	Potential Source of Topsoil	е
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Bd:	•				•		•
Bladen	85	Poor Too clayey Too acid	0.00 0.12	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
		Low content of organic matter	0.50	Low strength Shrink-swell	0.00 0.87	Too Clayey Too acid	0.00 0.60
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bertie		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
BmA:		_		_			
Bourne	85	Poor		Poor		Fair	
		Droughty Depth to cemented	0.00 0.03	Depth to cemented pan	0.00	Hard to reclaim Depth to cemented	0.03 0.03
		pan Too acid	0.12	Depth to saturated zone	0.53	pan Depth to saturated zone	0.53
Bladen	3	Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
BmB:							
Bourne	85	Poor		Poor		Fair	
		Droughty Depth to cemented	0.00 0.03	Depth to cemented pan	0.00	Hard to reclaim Depth to cemented	0.03 0.03
		pan Too acid	0.12	Depth to saturated zone	0.53	pan Depth to saturated zone	0.53
Caroline		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
BmC2:							



Map Symbol and Soil Name	Potential Source Pct of Reclaimation Mate			Potential Source of Roadfill		Potential Source of Topsoil	?
and Sui Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BmC2:							
Bourne	85	Poor		Poor		Fair	
		Droughty Depth to cemented	0.00	Depth to cemented pan	0.00	Hard to reclaim Depth to cemented	0.03 0.03
		pan	0.03	Depth to saturated	0.53	pan	0.03
		Too acid	0.12	zone		Depth to saturated zone	0.53
Bourne variant		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
BnB:							
Bourne variant	85	Poor		Poor		Fair	
		Droughty	0.00	Depth to cemented pan	0.00	Hard to reclaim	0.03
		Depth to cemented pan	0.03	Depth to saturated	0.53	Depth to cemented pan	0.03
		Too acid	0.12	zone Low strength	0.78	Depth to saturated zone	0.53
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
BnC2:							
Bourne variant	85	Poor		Poor		Fair	
		Droughty Depth to cemented	0.00 0.03	Depth to cemented pan	0.00	Hard to reclaim Depth to cemented	0.03 0.03
		pan	0.40	Depth to saturated zone	0.53	pan	0.50
		Too acid	0.12	Low strength	0.78	Depth to saturated zone	0.53
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
BoB:							
Bourne	85	Fair		Poor		Fair	
		Droughty	0.01	Depth to cemented pan	0.00	Hard to reclaim	0.03
		Depth to cemented pan	0.03	Depth to saturated	0.53	Depth to cemented pan	0.03
		Too acid	0.12	zone		Depth to saturated zone	0.53
Appling		Not Rated		Not Rated		Not Rated	



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mate	rial	Potential Source of Roadfill		Potential Source of Topsoil	;
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BoB:							
Aura		Not Rated		Not Rated		Not Rated	
Bourne variant		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
BoC2:							
Bourne	85	Fair		Poor		Fair	
		Droughty Depth to cemented	0.01 0.03	Depth to cemented pan	0.00	Hard to reclaim Depth to cemented	0.03 0.03
		pan		Depth to saturated	0.53	pan	
		Too acid	0.12	zone		Depth to saturated zone	0.53
Appling		Not Rated		Not Rated		Not Rated	
Aura		Not Rated		Not Rated		Not Rated	
Bourne variant		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
BrD:							
Bremo	85	Fair		Poor		Poor	
		Droughty Low content of	0.02 0.13	Depth to bedrock	0.00	Rock fragments Depth to bedrock	0.00 0.54
		organic matter	0.13			Slope	0.63
		Depth to bedrock	0.54			·	
Manor		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
BrE:							
Bremo	85	Fair		Poor		Poor	
		Droughty Low content of	0.02 0.13	Depth to bedrock Slope	0.00	Slope Rock fragments	0.00 0.00
		organic matter	0.13	Slope	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.54				
Manor		Not Rated		Not Rated		Not Rated	
Watt variant		Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill		Potential Sourc of Topsoil	e
and don reame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CaB2: Caroline	85	Poor		Poor		Poor	
Calume	65	Too clayey Too acid Low content of organic matter	0.00 0.12 0.13	Low strength Shrink-swell	0.00 0.87	Too Clayey Too acid	0.00 0.60
Aura		Not Rated		Not Rated		Not Rated	
Bourne		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
CaC2:							
Caroline	85	Poor Too clayey Too acid Low content of organic matter	0.00 0.12 0.13	Poor Low strength Shrink-swell	0.00 0.87	Poor Too Clayey Too acid	0.00 0.60
Aura		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CaD2:							
Caroline	85	Poor Too clayey Too acid Low content of organic matter	0.00 0.12 0.13	Poor Low strength Shrink-swell	0.00 0.87	Poor Too Clayey Slope Too acid	0.00 0.04 0.60
Aura		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CcC3:							
Caroline	85	Poor Too clayey Too acid Low content of organic matter	0.00 0.12 0.13	Poor Low strength Shrink-swell	0.00 0.87	Poor Too Clayey Too acid	0.00 0.60
Bourne		Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Sourc of Roadfill	e	Potential Sourc of Topsoil	е
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CcC3:	•				•		•
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CcD3:							
Caroline	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Shrink-swell	0.87	Slope	0.04
		Low content of organic matter	0.13			Too acid	0.60
Aura		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CdD:							
Caroline	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Shrink-swell	0.87	Slope	0.16
		Low content of organic matter	0.13			Too acid	0.60
Sassafras	35	Fair		Good		Fair	
		Low content of	0.13			Slope	0.16
		organic matter				Too acid	0.60
		Too acid	0.50				
Craven		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
CdE:							
Caroline	35	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Too acid	0.12	Slope	0.08	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	0.60
Sassafras	35	Fair		Fair		Poor	
		Low content of	0.13	Slope	0.08	Slope	0.00
		organic matter Too acid	0.50			Too acid	0.60
Galestown		Not Rated		Not Rated		Not Rated	
Ce:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mar		Potential Source of Roadfill		Potential Source of Topsoil	e
and doil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ce:							
Cartecay	85	Fair		Poor		Poor	
		Too acid Low content of	0.84	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		organic matter	0.88	20110		Rock fragments	0.88
		Too sandy	>0.99			Too sandy	>0.99
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
Wehadkee	3	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
CfB2:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CfC2:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of organic matter	0.13			Slope Too acid	0.63 0.88
		Too acid	0.32			roo acid	0.88
Ashlar		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CgB2:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
Cullen		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
ChC3:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill	;	Potential Source of Topsoil	е
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ChC3:	0.5	Dans		Fair.		Dans	
Cecil	85	Poor Too clayey	0.00	Fair Low strength	0.22	Poor Too Clayey	0.00
		Low content of	0.13	Low suchgui	0.22	Slope	0.63
		organic matter Too acid	0.32			Too acid	0.88
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CIB:							
Colfax	85	Fair		Poor		Poor	
		Droughty Too acid	0.09 0.12	Depth to cemented pan	0.00	Depth to saturated zone	0.00
		Depth to cemented pan	0.12	Depth to saturated zone	0.00	Depth to cemented pan	0.26
		pan				Too acid	0.60
Appling		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
CmB:							
Colfax variant	85	Poor		Poor		Poor	
		Droughty Depth to cemented	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		pan Too acid	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		100 4014	0.12			Too acid	0.60
Appling		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Cn:							
Congaree	85	Fair Too acid	0.89	Poor Low strength	0.00	Good	
	•		0.69	-	0.00	N . B	
Cartecay	3	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
CrA:							
Craven	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid Low content of	0.12 0.13	Depth to saturated zone	0.89	Too acid Depth to saturated	0.60 0.89
		organic matter	0.13	Shrink-swell	0.90	zone	0.69

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	;	Potential Sourc of Topsoil	е
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CrA: Bladen	3	Not Rated		Not Rated		Not Rated	•
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
CrB:							
Craven	85	Poor Too clayey Too acid Low content of organic matter	0.00 0.12 0.13	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.89 0.90	Poor Too Clayey Too acid Depth to saturated zone	0.00 0.60 0.89
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
CuB2:							
Cullen	85	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.74	Poor Low strength Shrink-swell	0.00 0.87	Poor Too Clayey	0.00
Cecil		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CuC2: Cullen	85	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.74	Poor Low strength Shrink-swell	0.00 0.87	Poor Too Clayey Slope	0.00 0.63
Cecil		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CvC3:							

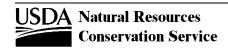


Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	Э	Potential Source of Topsoil	Э
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CvC3:	•		•		<u>'</u>		•
Cullen	85	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey Low content of	0.00 0.13	Low strength Shrink-swell	0.00 0.87	Too Clayey Slope	0.00 0.63
		organic matter	0.13	Sillik-swell	0.67	Slope	0.03
		Too acid	0.74				
Cecil		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Cw:							
Cut and fill land	100	Not Rated		Not Rated		Not Rated	
DAM:							
Dam	100	Not Rated		Not Rated		Not Rated	
DoA:							
Dogue	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12 0.13	Depth to saturated zone	0.76	Too acid	0.60 0.76
		Low content of organic matter	0.13	Shrink-swell	0.97	Depth to saturated zone	0.76
Altavista		Not Rated		Not Rated		Not Rated	
Augusta		Not Rated		Not Rated		Not Rated	
Wahee		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
DoB:							
Dogue	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Depth to saturated zone	0.76	Too acid	0.60
		Low content of organic matter	0.13	Shrink-swell	0.97	Depth to saturated zone	0.76
Altavista		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
Eb:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mate		Potential Source of Roadfill		Potential Source of Topsoil	e
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Eb:				_			
Elbert variant	85	Poor	0.00	Poor	0.00	Poor Depth to saturated	0.00
		Too clayey Low content of	0.00	Depth to saturated zone	0.00	zone	0.00
		organic matter		Low strength	0.00	Too Clayey	0.00
		Too acid	0.32	Shrink-swell	0.13	Too acid	0.88
Worsham	3	Not Rated		Not Rated		Not Rated	
Meadowville		Not Rated		Not Rated		Not Rated	
Orange		Not Rated		Not Rated		Not Rated	
EIB2:							
Elioak	85	Poor		Fair		Poor	
		Too clayey Low content of	0.00 0.13	Low strength	0.22	Too Clayey Too acid	0.00 0.88
		organic matter	0.13			100 acid	0.00
		Too acid	0.32				
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
EIC2:							
Elioak	85	Poor		Fair		Poor	
		Too clayey Low content of	0.00 0.13	Low strength	0.22	Too Clayey Slope	0.00 0.63
		organic matter	0.10			Too acid	0.88
		Too acid	0.32				
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
EmC3:							
Elioak	85	Poor		Fair		Poor	
		Too clayey Low content of	0.00 0.13	Low strength	0.22	Too Clayey Slope	0.00 0.63
		organic matter	0.13			Too acid	0.03
		Too acid	0.32				
Cullen		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mar		Potential Source of Roadfill)	Potential Source of Topsoil	е
and con rame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EmC3:	•						
Nason		Not Rated		Not Rated		Not Rated	
FaB:							
Fairfax	85	Fair		Poor		Poor	
		Too clayey	0.08	Low strength	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Shrink-swell	0.89	Too Clayey	0.05
		Too acid	0.21			Too acid	0.76
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Fd: Fallsington	85	Fair		Poor		Poor	
i alisington	00	Low content of	0.13	Depth to saturated	0.00	Depth to saturated	0.00
		organic matter		zone	0.00	zone	
		Too acid	0.50			Hard to reclaim Too acid	0.54
		Water erosion	0.90			Too acid	0.60
Bladen	5	Not Rated		Not Rated		Not Rated	
Bertie		Not Rated		Not Rated		Not Rated	
Fs:							
Fresh water swamp	90	Fair		Poor		Poor	
		Too acid	0.97	Depth to saturated zone	0.00	Depth to saturated zone	0.00
GsD:							
Galestown	45	Poor		Good		Fair	
		Wind erosion	0.00			Too sandy	0.16
		Too acid Low content of	0.03 0.13			Too acid Slope	0.32 0.63
		organic matter	0.13			Siope	0.03
Sassafras	30	Fair		Good		Fair	
		Low content of	0.13			Too acid	0.60
		organic matter Too acid	0.50			Slope	0.63
Caroline		Not Rated	0.00	Not Rated		Not Rated	
		.101.11010		ot rateu		Not Natou	
GsE:	40	Davis		Fals		Davis	
Galestown	40	Poor Wind orosion	0.00	Fair	0.00	Poor	0.00
		Wind erosion Too acid	0.00 0.03	Slope	0.08	Slope Too sandy	0.00 0.16
		Low content of organic matter	0.13			Too acid	0.32

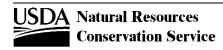


Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill)	Potential Sourc of Topsoil	е
and doil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
GsE:							ı
Sassafras	30	Fair		Fair		Poor	
		Low content of	0.13	Slope	0.08	Slope	0.00
		organic matter				Too acid	0.60
		Too acid	0.50				
Gravelly soil		Not Rated		Not Rated		Not Rated	
GsF:							
Galestown	40	Poor		Poor		Poor	
		Wind erosion	0.00	Slope	0.00	Slope	0.00
		Too acid	0.03	·		Too sandy	0.16
		Low content of organic matter	0.13			Too acid	0.32
Sassafras	25	Fair		Poor		Poor	
		Low content of	0.13	Slope	0.00	Slope	0.00
		organic matter				Too acid	0.60
		Too acid	0.50				
Clayey soil		Not Rated		Not Rated		Not Rated	
Gravel soil		Not Rated		Not Rated		Not Rated	
lu:							
luka	85	Fair		Fair		Fair	
		Too acid	0.32	Depth to saturated	0.53	Depth to saturated	0.53
		Low content of	0.50	zone		zone	
		organic matter				Too acid	0.88
		Too sandy	>0.99			Too sandy	>0.99
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated		Not Rated	
KeA:							
Kempsville	85	Fair		Good		Fair	
·		Too acid	0.54			Too acid	0.98
		Low content of organic matter	0.88				
Bourne		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
KeB:							
Kempsville	85	Fair		Good		Fair	
•		Too acid	0.54			Too acid	0.98
		Low content of organic matter	0.88				
Bourne		Not Rated		Not Rated		Not Rated	



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill	;	Potential Source of Topsoil	е
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
KeB:							
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
KfB:							
Kempsville	85	Fair		Good		Fair	
		Too acid Low content of organic matter	0.54 0.88			Rock fragments Too acid	0.88 0.98
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
KfC2:							
Kempsville	85	Fair Too acid Low content of organic matter	0.54 0.88	Good		Fair Rock fragments Too acid	0.88 0.98
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
KfD2:							
Kempsville	85	Fair		Good		Fair	
		Too acid Low content of organic matter	0.54 0.88			Slope Rock fragments Too acid	0.04 0.88 0.98
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
LgA:							
Lignum	85	Fair		Poor		Fair	
		Too clayey Low content of organic matter	0.08 0.13	Low strength Depth to saturated zone	0.00 0.29	Too Clayey Depth to saturated zone	0.05 0.29
		Too acid	0.50	Depth to bedrock	0.58	Too acid	0.88
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	

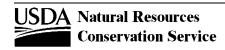
Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill	е	Potential Source of Topsoil	e
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LgA:			1				
Elbert variant	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
LgB:							
Lignum	85	Fair		Poor		Fair	
		Too clayey	0.08	Low strength	0.00	Too Clayey	0.05
		Low content of	0.13	Depth to saturated	0.29	Depth to saturated	0.29
		organic matter	0.50	zone	0.50	zone	0.00
		Too acid	0.50	Depth to bedrock	0.58	Too acid	0.88
Colfax		Not Rated		Not Rated		Not Rated	
Meadowville		Not Rated		Not Rated		Not Rated	
Orange		Not Rated		Not Rated		Not Rated	
Worsham		Not Rated		Not Rated		Not Rated	
MaD:							
Manor	85	Fair		Good		Fair	
		Low content of	0.13			Slope	0.63
		organic matter				Too acid	0.76
		Too acid	0.50				
		Water erosion	0.90				
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
MaE:							
Manor	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope Too acid	0.00 0.76
		Too acid	0.50				00
		Water erosion	0.90				
Ashlar		Not Rated		Not Rated		Not Rated	
Watt variant		Not Rated		Not Rated		Not Rated	
MdB:							
Marr	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.50				
		Water erosion	0.99				
Caroline		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Sour of Roadfill	ce	Potential Source of Topsoil	e
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MdC2:							
Marr	85	Fair Low content of	0.13	Good		Fair Too acid	0.00
		organic matter	0.13			100 acid	0.88
		Too acid	0.50				
		Water erosion	0.99				
Caroline		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	
MdD2:							
Marr	85	Fair		Good		Fair	
		Low content of	0.13			Slope	0.16
		organic matter Too acid	0.50			Too acid	0.88
		Water erosion	0.99				
Caroline		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	
MdE2:							
Marr	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.08	Slope Too acid	0.00 0.88
		Too acid	0.50				
		Water erosion	0.99				
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	
Me:							
Meadowville	85	Fair		Poor		Fair	
		Low content of	0.13	Low strength	0.00	Hard to reclaim	0.92
		organic matter Too acid	0.54	Shrink-swell	0.90	Too acid	0.98
		Water erosion	0.99				
Mottled soils		Not Rated		Not Rated		Not Rated	
Red soils		Not Rated		Not Rated		Not Rated	
MkB2:							
Mecklenburg	85	Poor		Fair		Poor	
-		Too clayey Low content of organic matter	0.00 0.13	Low strength	0.78	Too Clayey	0.00



Map Symbol	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MkB2:	ı						
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
MkC2:							
Mecklenburg	85	Poor		Fair		Poor	
		Too clayey Low content of organic matter	0.00 0.13	Low strength	0.78	Too Clayey	0.00
Appling		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
MIC3:							
Mecklenburg	85	Poor		Fair		Poor	
		Too clayey Low content of organic matter	0.00 0.13	Low strength	0.78	Too Clayey	0.00
Appling		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
NaB:							
Nason	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.99	Too acid	0.88
		Too acid	0.32				
Appling		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
NaC2:							
Nason	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of	0.13	Shrink-swell	0.99	Slope	0.63
		organic matter Too acid	0.32			Too acid	0.88
A constitue or			0.02	Net Det		Net Det	
Appling		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	



Map Symbol and Soil Name	Pct of	Potential Sourc of Reclaimation Ma		Potential Source of Roadfill	е	Potential Sourc of Topsoil	e
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
NaC2:	•				•		· · · · · · · · · · · · · · · · · · ·
Mecklenburg		Not Rated		Not Rated		Not Rated	
NcC3:							
Nason	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.99	Too acid	0.88
		Too acid	0.32				
Appling		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
OrA:							
Orange	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.84	Shrink-swell	0.87	20116	
Elbert variant	5	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
Meadowville		Not Rated		Not Rated		Not Rated	
OrB:							
Orange	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.84	Shrink-swell	0.87	zone	
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
OrC2:							
Orange	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of	0.13	Depth to saturated	0.53	Depth to saturated	0.53
		organic matter Too acid	0.84	zone Shrink-swell	0.77	zone	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
Po:							
FU.							



Map Symbol and Soil Name	Pct of	Potential Sourc of Reclaimation Ma		Potential Source of Roadfill	e	Potential Source of Topsoil	e
and con riamo	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Po: Pooler variant	85	Fair		Poor		Poor	
Pooler variant	0.5	Too acid	0.12	Depth to saturated	0.00	Depth to saturated	0.00
		Low content of	0.50	zone	0.00	zone	0.00
		organic matter		Low strength	0.00	Too Clayey	0.44
		Too clayey	0.68			Too acid	0.60
Bladen	5	Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
Ro:							
Roanoke	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated	0.00	Depth to saturated	0.00
		Too acid	0.12	zone		zone	
		Low content of	0.50	Low strength	0.00	Too Clayey	0.00
		organic matter		Shrink-swell	0.87	Too acid	0.60
Wehadkee	4	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
Wahee		Not Rated		Not Rated		Not Rated	
Sa:							
Sand and gravel pits	100	Not Rated		Not Rated		Not Rated	
ScF:							
Sandy and clayey land	80	Fair		Poor		Poor	
		Low content of	0.13	Slope	0.00	Slope	0.00
		organic matter	0.50	Low strength	0.78	Too Clayey	0.29
		Too acid Too clayey	0.50 0.50	Shrink-swell	0.87	Rock fragments	0.50
SfA:							
Sassafras	85	Fair		Good		Fair	
Caccanac	00	Low content of	0.13	Coou		Too acid	0.60
		organic matter					
		Too acid	0.50				
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfB:							
Sassafras	85	Fair		Good		Fair	
		Low content of	0.13			Too acid	0.60
		organic matter					
		Too acid	0.50				

Map Symbol and Soil Name	Pct of	of		Potential Source of Roadfill		Potential Source of Topsoil	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
SfB:	I						
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfC2:							
Sassafras	85	Fair Low content of	0.12	Good		Fair Too acid	0.60
		organic matter Too acid	0.13 0.50			100 aciu	0.60
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfD2:							
Sassafras	85	Fair		Good		Fair	
		Low content of organic matter Too acid	0.13			Slope Too acid	0.16 0.60
Aura		Not Rated	0.00	Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfE2:							
Sassafras	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope Too acid	0.00 0.60
		Too acid	0.50				0.00
Aura		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sn:							
State	85	Fair		Poor		Fair	
		Too acid Low content of organic matter	0.12 0.13	Low strength	0.00	Too acid	0.60
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
StD:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
and con rame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
StD:							
Stony rolling land	85	Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
StE:							
Stony steep land	85	Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
SuC:							
Susquehanna	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13	Too acid	0.88
		Too acid	0.50				
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
TeA:							
Tetotum	85	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Depth to saturated	0.53
		Low content of organic matter	0.13	Depth to saturated zone	0.53	zone Too acid	0.60
Bladen	3	Not Rated		Not Rated		Not Rated	
Fallsington	3	Not Rated		Not Rated		Not Rated	
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bertie		Not Rated		Not Rated		Not Rated	
TeB:							
Tetotum	85	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Depth to saturated	0.53
		Low content of	0.13	Depth to saturated	0.53	zone	0.00
		organic matter		zone		Too acid	0.60
Bertie		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
TeC2:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
TeC2:	0.5	Fair		Design		Feir	
Tetotum	85	Fair Too acid Low content of organic matter	0.12 0.13	Poor Low strength Depth to saturated zone	0.00 0.53	Fair Depth to saturated zone Too acid	0.53 0.60
Caroline		Not Rated		Not Rated		Not Rated	0.00
Sassafras		Not Rated		Not Rated		Not Rated	
Tm:							
Tidal marsh	85	Not Rated		Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Content of organic	0.00
						matter	
TuA: Turbeville	85	Poor		Poor		Poor	
Turbeville	00	Too clayey Too acid Low content of organic matter	0.00 0.32 0.88	Low strength	0.00	Too Clayey Too acid	0.00 0.88
Altavista		Not Rated		Not Rated		Not Rated	
Bourne		Not Rated		Not Rated		Not Rated	
Dogue		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
TuB:							
Turbeville	85	Poor Too clayey Too acid Low content of organic matter	0.00 0.32 0.88	Poor Low strength	0.00	Poor Too Clayey Too acid	0.00 0.88
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
TuC2:							
Turbeville	85	Poor Too clayey Too acid Low content of organic matter	0.00 0.32 0.88	Poor Low strength	0.00	Poor Too Clayey Slope Too acid	0.00 0.63 0.88



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
TuC2: Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	
Wa:				_		_	
Wahee	85	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey Too acid	0.00	Low strength Depth to saturated	0.00	Too Clayey Depth to saturated	0.00
		Low content of	0.12	zone	0.00	zone	0.00
		organic matter		Shrink-swell	0.89	Too acid	0.60
Roanoke	5	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
Augusta		Not Rated		Not Rated		Not Rated	
Dogue		Not Rated		Not Rated		Not Rated	
WgD:							
Watt variant	85	Fair		Poor		Poor	
		Droughty	0.05	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of	0.13	No cobble limitation	>0.99	Slope	0.16
		organic matter Too acid	0.50			Too acid	0.60
Aura		Not Rated	0.00	Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
WgE:	0.5	Fair		Deer		Daar	
Watt variant	85	Fair	0.05	Poor Depth to bedrock	0.00	Poor Slope	0.00
		Droughty Low content of	0.03	Slope	0.00	Rock fragments	0.00
		organic matter	0.10	No cobble limitation	>0.99	Too acid	0.60
		Too acid	0.50				
Manor		Not Rated		Not Rated		Not Rated	
Rock Outcrop		Not Rated		Not Rated		Not Rated	
Wh:							



Map Symbol	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Wh:							
Wehadkee	85	Fair Low content of organic matter	0.50	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
		Too acid	0.68			Hard to reclaim	0.92
Alluvial land, wet	5	Not Rated		Not Rated		Not Rated	
Cartecay	3	Not Rated		Not Rated		Not Rated	
WIB:							
Westphalia	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too sandy Too acid	0.13 0.60
		Too sandy	0.13				
		Too acid	0.50				
Caroline		Not Rated		Not Rated		Not Rated	
Marr		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WID2:							
Westphalia	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too sandy Too acid	0.13 0.60
		Too sandy	0.13			Slope	0.63
		Too acid	0.50				
Caroline		Not Rated		Not Rated		Not Rated	
Marr		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WIE2:							
Westphalia	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.08	Slope Too acid	0.00 0.60
		Too acid	0.50				
		Water erosion	0.90				
Galestown		Not Rated		Not Rated		Not Rated	
Marr		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WmA:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WmA:							
Wickham	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Hard to reclaim	0.92
		Too acid	0.54			Too acid	0.98
Altavista		Not Rated		Not Rated		Not Rated	
WmB:							
Wickham	85	Fair		Good		Fair	
		Low content of	0.13			Hard to reclaim	0.92
		organic matter				Too acid	0.98
		Too acid	0.54				
Altavista		Not Rated		Not Rated		Not Rated	
WmC2:							
Wickham	85	Fair		Good		Fair	
		Low content of	0.13			Hard to reclaim	0.92
		organic matter Too acid	0.54			Slope	0.96
		100 acid	0.54			Too acid	0.98
Gravel soil		Not Rated		Not Rated		Not Rated	
WnA:							
Wickham variant	85	Fair		Good		Fair	
		Low content of	0.13			Hard to reclaim	0.92
		organic matter Too acid	0.54			Too acid	0.98
Gravelly soil		Not Rated		Not Rated		Not Rated	
Loamy sand soil		Not Rated		Not Rated		Not Rated	
WnB: Wickham variant	85	Fair		Good		Fair	
		Low content of	0.13			Hard to reclaim	0.92
		organic matter				Too acid	0.98
		Too acid	0.54				
Gravelly soil		Not Rated		Not Rated		Not Rated	
Sandy loam soil		Not Rated		Not Rated		Not Rated	
WnC:							
Wickham variant	85	Fair		Good		Fair	
		Low content of	0.13			Hard to reclaim	0.92
		organic matter				Slope	0.96
		Too acid	0.54			Too acid	0.98
Gravelly soil		Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	of		Potential Source of Roadfill		Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WnC:							
Loamy sand soil		Not Rated		Not Rated		Not Rated	
WoA:							
Woodstown	85	Fair		Fair		Fair	
		Too acid Low content of organic matter	0.12 0.13	Depth to saturated zone	0.91	Too acid Depth to saturated zone	0.60 0.91
Bertie		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WoB:							
Woodstown	85	Fair		Fair		Fair	
		Too acid	0.12	Depth to saturated	0.91	Too acid	0.60
		Low content of organic matter	0.13	zone		Depth to saturated zone	0.91
Bertie		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Wr:							
Worsham	85	Fair		Poor		Poor	
		Too clayey	0.08	Depth to saturated	0.00	Depth to saturated	0.00
		Too acid Low content of	0.32 0.50	zone Low strength	0.00	zone Too Clayey	0.05
		organic matter	0.50	Shrink-swell	0.89	Too acid	0.88
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
Elbert variant	3	Not Rated		Not Rated		Not Rated	
Colfax		Not Rated		Not Rated		Not Rated	
ZIB:							
Zion variant	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.15	Rock fragments	0.88
		Too acid	0.54				
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Orange		Not Rated		Not Rated		Not Rated	
ZIC2:							

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ZIC2:							
Zion variant	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.15	Rock fragments	0.88
		Too acid	0.54				
Bremo		Not Rated		Not Rated		Not Rated	
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	